REPLANTING CORN.

A Practice Which Has Never Proved to Be Very Profitable.

Let the reader think if he ever knew replant corn to do any good, more than to make a little fodder. If replanting missing hills is done it can not be until sufficient time elapses to give all the first planting a chance to show itself and often it is three weeks from the time of the first planting before the replanting is done. Even two weeks difference in the ages of different hills, gives the older ones such a decided advantage in size that the younger are soon shaded so as to be deprived of their needed proportion of light and air.

Then in cultivating all through the season, any one who has worked in a cern-field knows how difficult it is to do good work when the hills vary in size. Cultivation, to be effective, must be adapted to the height of the corn, as regards the depth of working, nearness to the hills, and character of

Another point, and an important one is that thes replant corn will not bear grain to any great extent, because, in addition to the reasons already given why a weak growth is induced, it will not be properly and sufficiently fertilized with pollen dust. The reader has often seen a single stalk of corn growing by itself in an open field, and has noticed that, no matter how vigorous may have been the growth, the attempt to produce grain resulted in a cob on which were only a few-scattered kernels. The reason of this is that if the pollen dust produced in the tassel, male organs of the plant, not enough of it falls on the silks, the female organs, to fertilize the germ, of a kernel, which is at the base of every filament of silk. There is never a grain of corn unless a grain of pullen dust, the fertilizing element, finds its silk, which is a trabe, and passes down this to the germ lying at the base and on the cob, and there, under the mystery of the vital force, starts this germ of life and development. When, therefore, a stalk of corn stands by itself, the winds carry a large part of the pollen out of the reach of the silks, and the germs fail to become fertilized. When in a field of other stalks the breeze which carries its own dust away. brings that of others to it. These facts also show how it is that different kinds of corn so readily mix when growing alongside.

Now, if one-fourth of the hills scattered through the fields are two weeks later than the other three-fourths, we can see that these late hills will not be ready to receive the pollen as it falls from the tassels of the older stalks. When they are ready the older and more numerous tassels will have shed all their polien, and these must depend on the few scattered stalks for fertilization. And these are surrounded by the other stalks which serve as a windbreak, that the chances are quite limited that they are sufficiently pollen-zed, and all they amount to is a little fodder. This is not what the replanting is for usually, hence we advise, if replanting is necessary, that the field be given a shallow plowing or a good cultivation and harrowing and then re-planted as a whole. The soil now bebeing in a better mechanical condition and warmer, the seed will germinate quickly and grow capidly. The only loss will be the time taken in the first planting, and the seed and one very considerable gain will be the extra culture given the land and the consequent destruction of millions of weeds that have germinated. - Colman's Rurai

POOR COUNTRY ROADS

A Reform That Is Needed in Nearly Every Rural Community. It is, indeed, a matter of surprise

that, with our rapid progress and improved methods in other directions, we should still afthere to the ways of our grandfathers in the matter of keeping our country roads in repair. Any one who has occasion to travel much by horse and wagen between our villages knows in what a disgraceful state our country roads are often found. This is especially the case in the early spring and after the farmers have worked out" their road tax by converting the once passable highway into a rough, uneven ridge of hummocks

The fact is that read-building and ulous that work of such practical importance should be intrusted to men of industry, know little of the principles of surveying or ecientific roadmaking, and whose only idea of repaircomes a ridge of soil along the narrow surface of which teams have to pick pass other teams without danger of upsetting. It is false economy that makes so many of our rural communities content to get along with poor roads so long as they can save a few cents on the grand list. Think of the waste in horseflesh, in the wear and tear of vekicles, in time and brings about. Permanent good roads, built to stay, would be far cheaper in the long run. It is a reproach to our farmers that they are not more in line with the spirit of the times in this respect. They are all the time applying improved machinery and better methads in agriculture-why not in roadbuilding? We are glad to say that in some parts of Vermont there are signs of awakening in this matter of roads, but for the most part our rural communities still adhere to the primitive will give the necessary relief. - Americanthods. - Burlington (VL) Free Press. can Dairyman.

HOME, FARM AND GARDEN

-Don't try to mulch to save labor of cultivation as some do, and get a vile compound of straw and weeds. Mulching is often only the excuse of the shiftless gardener. - Farmers' Review.

-If you wish to prevent weeds and grass from growing on the walk ways sprinkle kerosene oil freely, but be careful not to get it on the plants you wish to grow along the borders.

-Soapsuds make a special fertilizer for celery, and where only a small space can be devoted to that crop, as in a garden, all the soapsuds of the house should be saved and applied

One of the most absurd and mischievons errors of the day is that of the father who gives to the son destined for a farmer an education inferior to that he bestows upon the one destined for a profession. - Ben: Perley

-Fifteen-Minute Cake - Two cups sugar, three eggs, one cup milk, three cups flour, three teaspoonfuls baking powder, one teaspoonful flavoring. Bake in four layers fifteen minutes and use any kind of icing you desire.-Cincinnati Times.

-Only a mother knows the varied discipline of hopes and fears, and joys and sorrows, through which a mother passes to glory; for this is the mother's pathway, and she rarely walks on a higher road, er one that may lead to perfection. - Mrs. Prentise.

-Wheel grease and all other grease on cotton goods may be taken out with cold, soft water and any good soap; soft soap is best. In cases of long standing wet the spot with kerosene oil and let it soak for some hours, then wash as before directed.

-Breakfast Rolls.-Take three cups of sweet milk, one cap of butter, two teaspoonfuls of good yeast, and mix with four enough to make dough. Let rise over night; in the morning add one egg, knead thoroughly and let it rise again. When light make out in rolls, place in the pans, keep warm and bake when very light.—Louisville Cour-

-Stewed Small Fruits.-Persons with whom many of the small fruits, especially currents and strawberries, disagree when eaten raw, can eat them with impunity if they are stewed. Allew from one-quarter to-one-half pound of sugar to each pound of fruit, secondcording to its acidity, and stew only until done. This is an excellent way to prepare fruit for children.—Demor-

-Those who follow the dairy interests—the butter interests—have, according to a well known Massachusette dairyman, found in the Jersey and the Guernsey the best butter cows. They will, in his opinion, make the most and best butter. This dairyman, after repeated experiments, finds that the best butter is produced from one-half Jersey and one-half Guernsey cream. -Oleveland Leader.

-BLACK CAKE -In this cake fruit may be used, or dried apples, two cups; seak over night in a little water, chop fine, size of peas, boil in a cup of molasses, and stir frequently until preserved through. Beat three eggs, work one cup of butter and two cups of sugar together, one-half cup of molasses, one teaspoonful each of nutmeg, cloves and cinnamon, five cups of flour (dsedge your fruit with it), one cup of sweet milk and one heaping teaspoonful ed soda. - Household.

MILK FEVER CURES.

edies That Have Been Tried with

The honest lover of the dairy is always happy when he is giving to the world any information that will in any measure tend to eradicate or ameliorate that dread disease, milk fever, in the dairy. Dr. McIntosh, professor of veterinary science in the University of Illinois, claims to have discovered a prescription that, if faithfully and heroically fellowed, will in all cases prove a remedy. At least such he says has been the result in his practice. Here is the formula:

Mix this well and divide it into ten

doses. Three ounces are to be given every half hour after the presence of the disease is detected. After five doses are given, then continue the read-repairing is a science, and an im- doses at intervals of one hour till the portant science, too; and it it is ridic- balance is administered. Each dose is to be given in half a pint of cold water. Do not stop until all is given. who, however skilled and successful He also administers from one to one they may be in their own department and a half pounds of Epsom salts, with one ounce of ginger, the whole to be dissolved in a belf gallon of cold water and given at one dose. Also ing a roadway is to pile a lot of dirt in max one and one-half pounds of good the middle of the highway, until it be- mestard with warm water and rub over the loins, and cover with a rug. After doing this the azimal generally their way, looking out for places to lies quietly for about eight or ten hours, when she will be able to get up. She does not require any after treatment if the medicine kas been all given. If the animal seems conscious and takes a little food, but is unable to get up, give the following for a week if necessary: Nux vomica in drachm doses three times daily in a energy, which the saving at the spigot little greel. The doctor says it is the giving of this large quantity that cures the animal. It is well to preserve all such remedies and put them where

they can be found when wanted. There is not hardly a dairyman in the land that has not lost one or more valuable cows with this disease, and any remedy that will prove successful in the majority of cases will prove a boon indeed, and the wise man will try all the remedies that appear rea-sonable until he finds something that

HUMMING BIRDS.

of These Pretty and Pug

Perhaps the most remarkable feature about the humming bird is the intellience it displays in rendering its nest inconspicuous. Any nest taken at ran-dom is an illustration, and will be found almost entirely covered with bits of lichen and other material, selected mainly to give the nest the exact apsttached, and in almost every case the mimicry is complete.

At the time when the orange trees are rich with blossoms, the groves are replendent with these little birds, that are darting here and there, appearing like great bumble bees in the air.
About the bushes in every garden there are always two or three dashing about, and, small as they are, they are famous for their fighting proclivities. Generally two engage in a battle. Rising high in the air, they fight fiercely, stabbing each other with their powerful little bills, often falling on the ground and rolling over and over in the dust.

In some of these contests one bird will drop lifeless to the ground, to all intents and purposes, and the other will fly away. If now the bird is taken up and examined its heart will be found beating, and in a few moments the black beadlike eyes will open and away it will go. In fact, the little creature, finding that it was getting the worst of it, had been "playing

possum" to escape. Humming birds have been kept in confinement, but it is quite rarely that they live any length of time. question of their food is still a mystery, ome writers claiming that they live upon the sweet liquor obtained from flowers; others, however, have found insects in them, and probably the latter constitute the greater part of their food. The little birds are often accredited with intelligence they do not possess. Thus it is said that upon the approach of rain the mother bird will fasten a leaf upon the nest so that it will form a lid to the nest as it were. -San Francisco Call.

LINCOLN'S HUMOR.

An Interesting Anecdote Related by Late General Legan.

A public man, with the reputation of telling good humorous stories, is made to father all sorts of yarns, good, bad and indifferent. That was President Lincoln's lot. He was father to so many poor stories, that many people doubted if he was really the author of the good ones attributed to him. Among those doubters was General Logan, and his skepticism continued until he came into personal contact with the genial humorist.

General Grant sent Logan from the Western Department to Washington with dispatches to be delivered to the President in person. Logan reached the capital late on Saturday night, and early on Sunday morning called at the White House. The servant said that it was against the rules for any one to see the President on Sunday.

"Go up-stairs and tell Mr. Lincoln that Logan is here with dispatches from General Grant," was the answer which sent the servant off. He soon came back to lead General Logan up to the President's private office. Mr Lincoln was sitting in a chair, with one foot on a table, and his head thrown back, while a barber was shaving him. "Sit down, and I'll talk to you in a few minutes," said the President.

The barber, having finished shaving, began rubbing the President's head, and General Logan was looking at the President's feet, which were badly swollen. Mr. Lincoln, seeing the look. Les, they are pretty b remind me of a man in Sangamon County, who made a bad horse trade. The animal was in an awful condition but the farmer managed to get him home. One of the neighbors met him. two weeks after, and asked how the new horse was getting on? 'Oh, first-rate,' said the farmer, 'he's putting on flesh fast. He's fat now up to his knees.' That's my fix."

"Since then," said General Logan, in telling the anecdote, "I have accepted as authentic, all Lincoln stories."— Youth's Companion.

A LOT with which every body is contenta lot of money-New Age.

THE high-toned farmer is an authomatters pertaining to art-tillery.

A WRITER Wants to send us an article or

Wirr is a bootblack like a bee! He by proves each shining hour.—New Age. Two critic is a big man until he dies. It is deferent with the poet.—Judge.

Sur the man hold up the post! Is the post loose? No, the man is tight.—Life. DA air of glass in the gutter will shine brighter than a dime.—Judge.

Maxi are the men who would rather dye than have gray whiskers.—Merchant True THE chief attraction about a miser is b

charming keirs. - Duluth Paragrapher. Tun biggest hotel may be considered the

Lesur weight-a pound of candles. Gws a man six feet of earth and he will

take a knell. THE stones that some people display in their flager rings are moss-agates-traordi-

Twiss are two of a kind with which it is generally unpleasant to be bluffed. -Fall

BECAUSE a sculptor makes busts is a

No MATTER how great may be the end of human invention, the end of the nut meg is greater.—Merchant Traveler. WHEN a man buys a porous whether he likes it or not he g sticks to his bargain.—New Age.

AFTER dinner—a hungry tramp.—Life

Pleasant for Dumley.

"Come up to the house, Dumley."

"Will Mrs. Robinson expect me?" "No, that's the beauty of it. Her mother is paying us a long visit, and I want to make the old lady mad."—

Why Laura Leet Rev Beau.

Laura case had an alliased beau.

Who called twice a fortaight, or so,
New the site, Sunday ove.

All localty to grive.

On, where is her recrease hear.

Why, he saw that Laura was a languish ing, delicate girl, subject to sick headachee sensitive nerves and uncortain tempers and knowing what a life-long trial is a frefful, sickly wife, he transferred his attentions to her cheerful, healthy cousin. Elles the secret is that Laura's health an strength are sapped by chronic weakness peculiar to her sex, which Elles averts an avoids by the use of Dr. Perco's Favorit Prescription. This is the only remedy, fowman's peculiar weaknesses and allmands sold by druggists, under a positive guarantee from the manufacturers, that it will give astisfaction in every case or mose will be refunded. Bee guarantee on bottle wrapper.

A ONE-HORSE concern—trying to pick out the winner.—Puck.

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As well as in that of its origin, Hostetter's
Stomach Bitters is a remedy of the utmost
popularity. In South America, the West
Indies, Guatemala, Mexico and Australia,
it is a highly approved preventive of malarial fevers, and a preferred remedy for
dyspepais, liver complaint, kidney and
bladder debility, rheumatism and nervousness. It has distanced competition here
and abroad, and its constantly increasing
sales point to a limitless enlargement of its
sphere of beneficence in many continents.

A case of long standing-my grand-

A Flat Contradiction.

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EVERY moment of life is the seed of year. - Whitehall Times.

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They made him quite sick;
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Than Pierce's small "Pelleta."
The Purgative hind.
Small but precious. 25 cents per vial.

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